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Sept. 2 1891
OCTOBER 1891.

Maryland Farmer

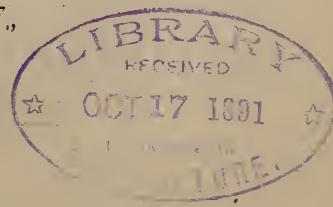
♦ AND ♦

NEW FARM.

OUR 28TH YEAR.

WALWORTH & CO.,

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BALTIMORE, MD.



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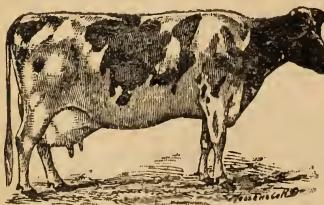


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Gold Medal, International Exhibition,
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Full directions for its use accompany it.

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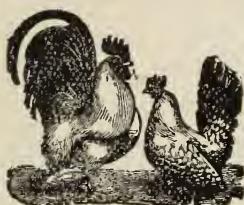
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THE OLDEST AGRICULTURAL JOURNAL IN MARYLAND, AND FOR TEN YEARS THE ONLY ONE.

AND NEW FARM.

Vol. XXVIII. BALTIMORE, October 1891. No. 10.

WHAT DO WE PLANT WHEN WE PLANT THE TREE?

BY HENRY ABBEY.

WHAT DO we plant when we plant the tree ?
We plant the ship which will cross the sea,
We plant the mast to carry the sails ;
We plant the planks to withstand the gales—
The keel, the keelson and beam and knee ;
We plant the ship when we plant the tree.

What do we plant when we plant the tree ?
We plant the houses for you and me.
We plant the rafters, the shingles, the floors,
We plant the studding, the laths, the doors,
The beams and siding, all parts that be ;
We plant the house when we plant the tree.

What do we plant when we plant the tree ?
A thousand things that we daily see.
We plant the spire that out towers the crag,
We plant the staff for our country's flag.
We plant the shade from the hot sun free ;
We plant all these when we plant the tree.

For The Maryland Farmer.

OUR NEW FARM, XXVI.

SOME TRIFLES.

 WAS TALKING with James one day as to his prospects after he was married; for while it is generally a delicate subject, if once broached it can be enlarged upon almost indefinitely. At least this was my experience with James.

He said :

“ Well, Mr. Green, I have thought upon this subject very seriously. I should have proposed a year ago, only I have felt so anxious about the future.”

And I replied :

“ Our daughter will be a great help in anything you may undertake. She is not a do-nothing girl. She knows how to work, and is not sickly or complaining.”

But he said :

“ I do not wish to have her work any harder than she does at present, and would be glad to have it so that she might not work even so much as now; but that would be impossible I suppose when we first start out.”

I asked him :

“ Have you any plans now?”

He answered :

“ We have talked a great deal on the subject; and while I have a few hundred dollars which I might put into a farm as you did in this one; still I am as yet quite unsettled. Your daughter does not want to go away any great distance, and father wants me to help him a while longer.”

Then I said :

“ These feelings are very natural. Daughter leaving us will make a great vacant place in our family, and it will be the same with your father’s home.”

Then James replied :

“ We thought, perhaps, when you got your new house finished and moved there, your present one would be vacant and then we might rent this and part of the farm, perhaps, and I continue to help father—while we could be almost the same as we are now.”

I saw by this he had no idea of why we were building the new house, so I said :

“ Well, I think some satisfactory arrangement can be made so that you need not go very far away from us. The two farms have supported us all very comfortably thus far, and I don’t see why they will not do so after you are married.”

Then James said :

“ I know it will please us to feel that we are not going away; but shall be able to lay our plans right here at home. My greatest trouble was the thought of having to leave the neighborhood of you and father.”

Then I replied to him :

“ Oh no, James, you may rest your mind so far as that is concerned. Your father and I will manage to keep their children near them, if only they will be contented to stay.”

Then I proposed that we go up to the house, get mother and daughter and go over to the new cottage, as it was about ready for the partitions to be put up, and

if any changes were to be made, it should be done now. This we did.

When we had mounted the porch in front of the new cottage—lifting up the women folks, for no steps had as yet been placed there—we took out the plan we had made and studied the lay of the proposed rooms.

It seems Josie had seen us all going up to the cottage and before we had begun to discuss things she made her appearance.

The carpenter was busy now laying the lower floor, in fact had almost finished laying it, and it presented a large room with a few studs for partitions radiating from the chimney stack.

We had decided to have only one stack of chimneys and that in the centre of the house. This would be a departure from the general practice, for it would bring range, stoves and mantels in one corner of every room.

At first wife and daughter seemed to object to this; but in due time it was thought advisable. I said :

“ By having the chimney in the centre of the house, it gives us room for large sliding doors between all the rooms, so that they can at any time all be thrown into one room, including the entry hall. We also get the benefit of all the heat of the single stack of chimneys.”

But wife said :

“ It looks strange to have mantels in the corner and I am so old fashioned I will never get used to seeing them there.”

Then I said :

“ Why this whole idea about mantels is of little account in reality—a temporary shelf hung on the wall anywhere is just as good as a mantel.”

Daughter spoke up :

“ Why, father! nobody would agree

with you about that—everybody wants a mantel in the parlor.”

And I answered :

“ Yes, I suppose that is the general feeling at present; but in the course of time that will be outgrown. It belongs to the infancy of the race. It is a place for the playthings of older children.”

The good mother then spoke out :

“ Now stop, father. Don’t talk in that way. If it is a pleasure producer, according to your own showing in times past, it is just as useful and important as any other part of the house.”

I could but answer this :

“ Yes, I acknowledge that—only I was thinking it was one of those ancient ideas or customs in building, which belongs to the semi-civilized times, instead of to-day; and that we could find something to take its place more modern and at the same time more productive of pleasure.”

Then the mother said :

“ Well, until this modern thing is invented, we will have the old fashioned mantel.”

Then I said :

“ Oh, of course the mantels must be there, I never thought of leaving them out. I was only giving my notions about such things in general.”

I then appealed to James and Josie to give us their ideas about the plan, and James laughed while Josie said :

“ I like the idea of having the chimney in the corners of the rooms, for it doesn’t break up the wall room so much, and gives more chance for the sofa and chairs and piano.”

Then daughter said ;

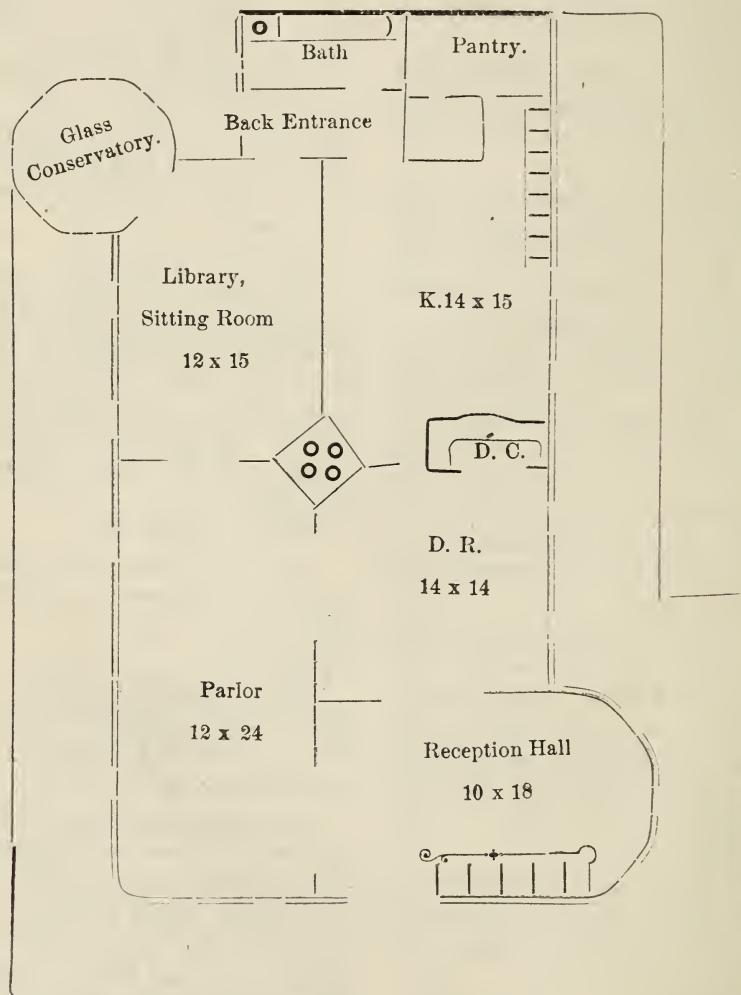
“ Well, that is an idea. I didn’t think of that. I rather think it is an improvement.”

James then said ;

"But it brings the hot kitchen stove to do our own work, and that is a great close up to the dining room door. Is consideration?"
that good policy?"

Mother said:

This remark set both daughter and Josie to talking and they and mother



"In winter it is the best of policy; soon had the paper covered with lead and in summer a small family like ours pencil marks showing how to save steps will use the oil stove mostly. Then it —where the kitchen sink must be, and will save a great many steps, if we have how the kitchen and dining room dishes

must be arranged, the wood box and pantries, the cellar stairs and everything pertaining to the work.

Then we brought the carpenter there and explained to him what was wanted, and he, with a huge blue pencil made awfully looking broad marks on the plan, which we all regarded with a sort of reverence, as they decided just how it was to be put up.

The outline on page 10, will give an idea of the first floor of the new cottage.

After travelling around the piazza, and viewing the building from various quarters, we walked back to our old comfortable house, chatting pleasantly about various matters, and shortly dispersed, each intent upon the duties and work of every day life.

This visit showed me many things which I was very pleased to know. I saw that James was not at all desirous of leaving the neighborhood, but was anxious to get a home near us. Also, that he had been saving a little for the purpose of getting some start in life at the outset. Again, that he was willing to take the old house, thinking we wanted to build a more pleasant one for ourselves.

We also saw what would best suit the young people in the new cottage, and how they admired the broad and extensive piazzas and the general surroundings without the most remote suspicion of its ever being in their own possession. These things gave me much pleasure and added much to the good mother's comfort when we talked the matter over in private.

I hurried the cottage to completion as fast as possible, for I told the young people I wanted the reception after the

marriage to take place in the new home.

I will anticipate now, to say, that I hired an extra man or two on the carpenter work, paid the painter \$5 to get an extra man on his work, and the plasterers had all ready for the paper hanger, who soon had the rooms papered and the buff curtains in place. James and Charley and I smoothed off the surface around the house, put on the rich soil and supplied all the needed sod to make it look home like and comfortable.

We carpeted the parlor, and sitting room back of it, and had the floors of the dining room, kitchen and front hall painted and furnished with our rugs. We obtained a parlor set and dining room set from Baltimore and a few comfortable chairs from our own home. We there stopped to await future developments.

While these things were being done, of course the young people had their talks, and mother told me how daughter had repeatedly asked whether we were going to leave our old furniture in the old home for them to use, showing that James had told her of our conversation and his proposition to me to rent the old home.

Mother had told her that I was getting a few new things, and that she and James had better not think of getting anything until after they were married, for they could not tell what might be given them by the two families when they should be ready for house-keeping.

I could see however, that daughter rather wondered, when the week before the marriage a new bedroom set came from Baltimore for the front bed-room, for Mr. Camden and his wife had offered to furnish this room. The room had

been finished with a pearl colored paper, and the set was a very pale blue and harmonized beautifully with the walls, and they supplied a carpet of a pale grey tint, with wood colored figures.

James himself hauled them up from the depot, as he had done several other articles, and afterward helped put down the carpet; but apparently with no thought other than that we were having things nice in our old age. They had so thoroughly convinced themselves that they were to have the old home that they did not associate these new things with any other idea.

And so the time rolled by: Those delicious days to the young before the cares of responsible life are felt by them, when all the world is gilded by the love that dwells in their own hearts—love where no cross came from those of their kin so deeply interested in their welfare, and where true and pure, the stream runs on as rich as heaven's own blessing can make it.

Such indeed were these days to these two young souls, soon to be wedded, and to live the rich life of the contented and happy in a country home.

But they are not married yet, and something of the work of the New Farm must be recorded before that event can be realized.

(*To be continued.*)

LARGE EGGS.

There are some breeds that lay very large eggs, among them being the Black Spanish, Minorcas, and Houdans. The best way to increase the size of the eggs is to use a male from any one of the breeds named, and cross on the largest

and best hens of the flock, selling off all the stock next season except the pullets from the cross, which should be retained. These breeds are not considered equal to some others for market, but if the pullets of the cross are mated with males of some choice market variety the chicks will be equal to those of any other cross. In this way the flock may be improved with but little expense, only the purchase of a male being necessary.—*Mirror and Farmer.*

For The Maryland Farmer.

SPECULATION IN GRAIN.

THE month of August has witnessed one of the most exciting speculations in grain that has ever occurred in this country. It was, however, only speculation. In New York more wheat was sold than the whole country had thus far sent to market. Twenty one millions of bushels!

Probably of this vast quantity not a bushel changed hands. It was wholly a gambling of bulls and bears. It was not a price upon which anyone could depend as at all guiding farmers in their sales. It was one of those operations against which all honorable men as well as farmers can justly enter a protest. It justified those who would enact the most stringent laws against all stock gambling.

That the European markets will require all the grain we have to spare, or even more than we can well spare, may be a fact; but this does not justify dealing in December wheat at the present to the amount of millions of bushels at fancy prices, never expecting to handle a bushel in any shape of the wheat itself.

The sooner we are placing this work as more criminal than the mammoth lotteries which are now troubling the country, the better it will be for all concerned. Lotteries are innocent beside this wholesale gambling in futures.

Steady prices based upon actual demand and actual sale are what farmers need; and these are always honest prices.

For the Maryland Farmer.

**DO YOU CARE FOR YOUR
HORSE?**

BY JOHN GREEN,

Author of *Our New Farm*.

“OLD ROAN” was a model family horse. I got him in Baltimore, from a Car stable, lame at the time, from hard usage on cobble stones and bad shoeing. Bare feet and the country fields soon cured his lameness.

How to treat a horse was what I most wanted to learn and I found it a hard thing to learn.

The first resolve was never to use a whip on the road. I soon found it unnecessary, the horse always attentive to the very lowest request from the driver. Soon “Old Roan” could have been guided anywhere, at any rate of speed, or stopped at once, without a touch of the the reins—only speaking to him in a quiet voice.

Next, I did away with blinders, and after a long time with the check rein, only reserving enough so that the horse could not reach the ground with his nose when standing hitched.

Then I looked carefully to his feed. In one end of his manger I placed a large solid lump of rock salt. In the other end I stood a bucket of water.

When eating hay he made constant use of this bucket of water.

I fed him a variety consisting sometimes of chop feed, corn and cob meal, bran on cut corn fodder, corn on the cob, green food in its season, always hay.

I adjusted the length of his halter, and was careful to give him a soft bed, free from all lumps, sweet and clean.

Three times a day whether standing in the barn or at work in the fields, his feet were examined just enough to see that no stone was troubling them and nothing there to interfere with their comfort.

The comb and brush were used with systematic regularity but without any harshness; and in cool weather the blanket was not forgotten. His feet and legs were frequently washed and rubbed; especially after any journey or any hard day’s labor.

“Old Roan” had considerable pride and wanted to look sleek and have his harness looking well and evidently felt brighter and more spirited under these circumstances. I noticed this fact and conformed to it. A boquet of flowers on his harness would add several inches to the height of his head as he traveled to church on Sunday.

All these are perhaps little things, but they are the things which tell in the usefulness and comfort of the horse.

When young people laughing and talking were behind him he always traveled more freely than when we were all quiet, showing that the horse takes notice of these things.

In my opinion the man who cares for his horse will show it by administering not only to his necessities, but to his comfort, and to his peculiar sentiments and susceptibilities, and to whatever will contribute to his happiness and his love for his owner.

For The Maryland Farmer:
ITEMS.

SI X HUNDRED bales of Cotton and one hundred and fifty thousand bags of peanuts were destroyed in a Norfolk fire last month.

Mrs. James K. Polk, widow of Ex-president Polk died August 14.

James Russell Lowell, the poet, lawyer, editor, professor, and diplomat, died Aug. 12.

George Jones, Editor of the New York Times, died last month, and the papers are filled with eulogies concerning him. He was the prime mover in the exposure of the celebrated Tweed ring.

Faith has a great influence upon the condition of the body; but several instances of injudicious dependence wholly upon the "Faith Cure" are causing general excitement and indignation.

The late discussion of women's dress, and the radical changes in reference to high small heels, corsets and heavy skirts which have been proposed, are having a favorable influence towards a better condition of health in the future.

THE AGRICULTURAL COLLEGE.

WE ARE requested to print the following, which is inserted with pleasure. It came too late for our last issue:

A great change has occurred in the condition and prospects of this Institution. Instead of being barely able to exist, with land and buildings run down and burdened with debt, as was the case a few years ago, Congressional grants now insure it a comfortable income, the

debt has been mostly paid, the buildings well repaired, and the farm is being improved as fast as possible with such soil.

For the first time in the history of the College it has a full corps of ten professors, besides special instructors and lecturers, and is prepared to give thorough instruction in all "those branches of learning relating to agriculture." Every department is in charge of a competent specialist, secured by a fair salary, and supplied with the latest and best appliances to facilitate instruction. Within a year several thousand dollars have been expended for models and apparatus of the most approved patterns.

The greater part of the income from the U. S. Treasury can be expended under the law "only for instruction and facilities for instruction," so that while these important parts of the college work are well supported, the aid of the State is still necessary to maintain the property and meet the general expenses of administration.

The regular report of the College for the last year and the announcement for the next year have been lately issued. They give facts above and also show the institution to be gaining in number of students and in many ways substantially improved, and prepared better than ever before to do well the work for which it was established. The new year opens the 15th of September. Particulars can be obtained by addressing the President, at College Park, Prince George's County, Md.

For permanence bone meal is as good a fertilizer as you can buy.

SEEDTIME AND HARVEST.

SEEDTIME and HARVEST has come to us for years past, and during the time has constantly improved in every respect as a family paper. It has an excellent appearance and we can heartily recommend it. Send for a sample copy for examination and you will be pleased with it.—*Ed. M. F.*

TALK ON COOKERY.

Tomatoes.

“**L**OVE APPLES,” they were called, and were prized for their pretty fruit only till some one taught us they were edible. Then some empiric said they caused cancer, and those credulous beings who believe everything they hear accepted the assertion and refused them with horror. But now almost everybody knows they are as healthful a vegetable as we have in the garden, and the consumption is increasing every year, says the *Household*.

The tomato was introduced into England from South America in 1596, but as a botanical specimen rather than an edible vegetable. A story is told of an old lady who cherished a plant as a great curiosity and was horrified one day at seeing her son, just returned from sea, eating what she supposed was its poisonous fruit, and not until she found he was neither dead nor crazy the next day could she be convinced of the absence of danger.

There's a great difference in the quality of tomatoes. We have them in market very early. They look nice but do not taste good. Savor strongly of money for one thing; and being picked before

entirely ripe and the ripening process continued in transit, the flesh is tough and flavorless. It is not until the Michigan product is on hand that we really enjoy them at their best estate. They are delicious *au naturel*. If you don't know what to have for a relish for tea, try a dish of sliced tomatoes eaten with sugar and vinegar. They are equally healthful and appetizing for breakfast. Like fresh fruit, you can serve them this way at any meal and be perfectly certain you are eminently “correct” in so doing. If you wish to cook them, there is an infinite varieties of ways in which to prepare them.

To stew them turn boiling water over them to remove the skins, cut up and stew for half an hour, allowing to every dozen tomatoes a tablespoonful of butter, and a teaspoonful each of salt and sugar with a dash of pepper. Thicken with cracker or dry bread crumbs. A cup of cream is a good addition.

To bake, remove the skins as above; lay the tomatoes in a buttered dish, with a bit of butter on each. Cover them with a layer of bread or cracker crumbs into which you have stirred a teaspoonful of salt and a little pepper.

To fry, cut in thick slices; dip in flour in which you have mixed a little salt and pepper, fry brown in a little butter.

To broil, slice, and lay in a wire broiler. When done—in about eight or ten minutes—lay on a buttered toast and spread with butter.

To boil, choose firm and not over-ripe tomatoes. Lay them side by side, without paring, in a kettle of hot water. They will be done in ten minutes. Lift out

with a skimmer, into saucers; cut a cross on the top of each and insert a piece of butter, season with salt, pepper and a little sugar.

Escaloped tomatoes require a buttered dish, in which are alternated layers of sliced tomatoes and bread or cracker crumbs, seasoning each layer with butter, pepper, salt and a very little sugar, and finishing with a layer of crumbs.

Devilled tomatoes are nice to serve with cold meat. Slice firm tomatoes half an inch thick. Make a dressing of the yolk of a hard boiled egg, smoothly mashed with a tablespoonful each of vinegar and melted butter, with salt, pepper and French mustard to taste. Bring this to a boil, pour slowly over a well-beaten egg, beat to a smooth cream; broil the tomatoes and pour this over them as a dressing.

To stuff tomatoes, select large ones of even size, with a sharp knife scoop out a place on the top of each, and fill with a dressing made by frying a bit of onion, chopped fine, in a tablespoonful of butter; when done stir in bread crumbs moistened with a little milk or water and season with pepper and salt. Put a little of this in each cavity, top off with a piece of butter, and bake.

butter record; we have the largest ninety day butter record, and we have the largest yearly butter record."

For The Maryland Farmer.

FACTS TO BE REMEMBERED.

THE Farmer who begins by setting out a few of the best fruit trees every year, generally has an abundance for self and for sale in the end. It is not too late to begin now.

If you allow any food given your horses to sour in their mangers, no amount added to it will make it of any value. Keep it always sweet.

You cannot grow too much clover. It is good for soiling, it is good for hay, it is good for silo: and if you can do nothing else with it turn it under with the plow, it is as good there as heavy manuring from the barnyard.

Attention and care are still to be bestowed upon the late vegetables. Winter cabbage must be cultivated if you would have them do their best for you.

THE RECORD.

The Holstein-Friesian Register declares; "The Holstein-Friesian breed have the largest milk records, all of them for a day, a week, a month or a year. We have the largest number of thirty pound and upward weekly butter records; we have the largest thirty day butter record; we have the largest sixty day



You must not suppose you know all there is to be known about any crop on your farm—others have lived before you, are living now, and will be living after you are gone. There is always plenty to be learned.

The best and brightest cattle are those which have not been neglected in food, salt and water, and have felt the hands of the owner employed in grooming rubbing and cleaning.

One weed allowed to go to seed will cause you more trouble than to uproot and destroy a hundred weeds now; for the seeds are sown by it in the thousands.

And now they say “fire-fanging” helps instead of hurts the barnyard manure. For the present we prefer it without burning.

Boys will love the farming, if they can have something of their own and see money coming in from their labor. It is the unrequited toil that brings discouragement.

A woman or a child can drive well if no trace of fear is in voice or action. The horse knows perfectly when the driver is afraid.

First class vegetables or fruit cannot be had unless you give skillful attention and care. The first class will always reach the top of the market price.

This year will be memorable for great crops in all parts of the country. It is sad that so many farmers have neglected to provide for their families an ample kitchen garden.

Spring pigs killed at Christmas invariably bring the largest profit; for after that it requires much more food to make a pound of pork.

A plentiful supply of whitewashing adds immensely to the appearance of thrift on the farm, and speaks of cleanliness and care.

Every step of progress has its opponents and the silo is no exception; but if, as it has been fully proved, you can keep two cattle where you have been only keeping one on your farm, it pays.

Don’t let the fairs go by this fall without learning something which will be of practical value to you next year. This is the great object you should have in supporting fairs.

It is a fact that where fairs have had the form of farmers’ picnics—no charge for entrance, no heavy expenses of horse racing, no miserable licenses for side shows, no winking at gambling and liquor selling—the greatest success and prosperity have followed.

In reckoning what your farm has done this year give it credit for your home,—rent is a big object in the city—for food, clothing, health and happiness. Then for the profit in money as something in addition to the comforts and pleasures.

Water has been found in the Desert of Sahara in vast quantities by means of artesian wells so that French railroads may extend right through the desert.

For the Maryland Farmer.

SHEEP.

BY JOHN GREEN,
Author of Our New Farm.

THE BEST MUTTON sheep also producing fine wool is the Southdown.

The Cotswold has a very heavy fleece, coarse, and the flesh is also coarse grained and not tender.

The Shropshire mutton is inclined to be tough, coarse grained and the wool will not compare with the Southdown product.

The Merino has not the weight needed for a mutton sheep, although in other respects the wool and the flesh are all that can be desired. Many object to the taste of Merino mutton; but we do not regard that as inseparable from it.

The best mutton, Southdown, is tender, toothsome, with the fat and lean beautifully distributed, the taste attractive in its sweetness, and the carcass of sufficient weight to give the butcher and his customers full satisfaction.

The Southdown requires at least ordinary care and will not thrive as readily as the Merino under neglect.

But it is my opinion that no one who is unwilling to give "ordinary care," has any right to keep stock of any kind.

I kept sheep for a butcher when I first commenced farming, and I learned from him the best to keep and some few facts about preparing the meat. He taught me how the "sheepy flavor" could be avoided.

It was to carefully take out the entrails the first thing after the sheep was killed and never allow them to touch the carcass.

He used to get the very best prices,

for his splendid, "marbled," fine grained mutton—those who appreciated a good thing never standing about the price when they saw his Southdown beside the ordinary meat from other breeds.

For the Maryland Farmer.

POULTRY.

BEAUTY, USE, FEATHERS.

THE FIRST thing to be considered in the rating of all poultry is its intrinsic value, which consists of two things: Its prolificacy in egg production, and its value on the table.

The Houdan comes about as near perfect in these two particulars as any breed of poultry, although the Dorking will surpass it in the second particular.

The second thing to be considered is how to add for the present moment to the income from poultry: This consists of attention to fancy points. Here comes in the attention to beauty and the particular value of feathering of perfect breeds.

If the value of a Houdan on the market stall is seventy-five cents, and you can sell it on its feet for one dollar and a half by having its feathering a little more perfect, why not attend to its feathers?

If the Houdan will lay 150 eggs in the year and is therefore a valuable fowl, but you can double its value without diminishing the number of eggs, by attention to its feathers, why not?

All these things should have their influence with those who are raising poultry. Room for improvement is always in order. Those things which bring in the money to-day, even if it be only a temporary fancy, should not be passed

over. Make the most of each item which will add to the income; for one may pay high for a feather, while another cares only for the eggs or the table.

HOW TO GOVERN THE HORSE.

A N OLD EXPERIENCED horse handler presents to us this theory of the leading characteristics governing the horse in the following three fundamental principles:—

1. The horse is so constituted by nature that he will not offer resistance to any demand made of him, which he fully comprehends, if made in a way consistent with the laws of his nature.

2. That he has no consciousness of his strength beyond his experience, and can be handled according to our will without force.

3. That we can in compliance with the laws of his nature, by which he examines all things new to him, take any object however frightful around, over or on him, that does not inflict pain, without causing him fear.

The horse is deficient of reasoning power, he has no knowledge of right or wrong, of free will and independent government. He does not understand the impositions practised upon him, however unreasonable they may be. Consequently he cannot come to any decision what he should or what he should not do, because he has not the reasoning faculties of man to argue the justice of the thing demanded of him. If he had, taking into consideration his superior strength, he would be useless to man as a servant.

Give him mind in proportion to his strength and he will demand of man

freedom, liberty and the earth for his inheritance, where he could roam at leisure, independent of servitude. He has been created so that he can be operated upon by the knowledge of man according to the dictates of his will, and he might well be termed an unconscious, submissive servant. This faith we can see verified in every day experience by the abuse practiced upon him. Any one who chooses can mount the noble steed and run him until he drops dead beneath his rider. If he had the power of reasoning this could not be done.

But, happily for man, he has no consciousness of imposition, no thought of disobedience, except by impulse, caused by the violation of the law of nature. Consequently, when disobedient, it is the fault of man.

Then we can but come to the conclusion that if a horse is not taken at variance with the laws of his nature he will do anything that he fully comprehends without making any offer of resistance.

In the second place, the fact of the horse being unconscious of the amount of his strength can be proven to the satisfaction of any one. For instance, such remarks as these are common, and, perhaps, familiar to your recollection. One person will say to another:—"If that wild horse there was conscious of his strength his owner would have no business with him in that buggy; such light reins and harness; if he knew he could snap them in two in a minute and be 'as free as the air we breathe,' and that horse over there that is pawing and fretting to follow the company that is leaving him, if he knew his strength he would not remain long fastened to that hitching post by a strap that would b

no more a test of his strength than a cotton thread that of a powerful man." These facts, made common by every day occurrence, are not thought of as wonderful.

In the third place he will allow any object, however frightful in appearance, to come around, over or on him, that does not inflict pain. There must be some cause before pain can exist, and if fear exists from the effects of imagination and not from the infliction of real pain it can be removed by complying with those laws of nature by which the horse examines an object and determines upon its innocence or harm. A log or stump or stone by the roadside may be, in the imagination of the horse, some great beast about to pounce upon him, but after you take him up to it and let him stand by it a little while, and touch it with his nose, and go through this process of examination, he will not care anything about it. And the same principle and process will have the same effect with any other object, however frightful in appearance, in which there is no harm.

If horse handlers would study more the nature of the horse and use in the management of the horse the reason and intelligence man is supposed to be endowed with, there would be more quiet, safe teams and less inhumanity to the dumb brute.—*Kentucky Stock Farm.*

For the Maryland Farmer.

CANADA THISTLE IN
MARYLAND.

While visiting Kent and Queen Anne Counties, I was shown a plant about two feet tall, full of stinging prickles, with

a flowering spike about one foot long of pretty blue flowers and a strong running perennial root. This plant I was assured to be the real Canada Thistle. It spreads by root and seed and is said to be quite obnoxious especially in pastures where it takes a strong hold and remains from year to year.

The plant had been observed at College Park before and was found to be *Echium vulgare* of the Borage family with Heliotrope, Comfrey, Forget-me-nots, and Puccoon.

The only place I have observed the genuine Canada Thistle in the State was at Easton, a very small patch of less than a tenth of an acre on a farm near the eastern edge of the town. It reached this spot evidently through some straw packing material as the owner also supposed. It behooves everyone who purchases any goods which are packed in hay or straw in Canada or New York State to burn the packing material.

This dreaded weed has been introduced into many states by not observing this precaution and before the weed was identified, it had taken a deep hold and caused consternation to seize the community. I would urge that the Easton patch be carefully watched and not allowed to go to seed or the foliage to see daylight. Follow plowing the ground where it has a hold for two or three summers is the only sure means of eradication.

THOS. L. BRUNK,
Botanist, Maryland Agr. Ex. Station,
College Park, Md.

If you are Billious, take BEECHAM'S PILLS.

Entered as second class matter at Baltimore, Md.

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SHOULD IT PAY A PROFIT?

(From The N. H. Mirror and Farmer.)

WE SEE the question as to whether an agricultural college farm should pay a profit is being discussed. We think the answer depends upon several things:

The first is the kind of a farm and the natural fertility of the soil. [With the same variety of soil, if farms in the immediate neighborhood are made to pay a profit, then the College farm should pay a greater one in proportion to amount of land and the better facilities for cultivation.—Ed. M. F.]

The next is what line of farming is pursued. [Such a line of farming should be pursued as will result in good profit. If it is not, then it shows a great want of judgment in the head of the farm work, and some other should be placed in charge of it, who will have sense enough to use that line of farming adapted to the locality, the soil, the markets, and so make evident that farming is a source of large profit.—Ed. M. F.]

And a third is the amount devoted to merely experimental purposes, as much of the experimental work must result in loss. [At Agricultural Colleges the experimental grounds are not connected with the farm proper, but with the Experiment Stations and such expenses are not reckoned as part of the farm expenses. There is certainly no reason for having any loss in this respect placed to the credit of the college farm account.—Ed. M. F.]

Certainly those who manage a college farm ought to know how to run it economically and profitably; and whatever the general result may be, at least a portion of the farm ought to show economical and profitable farming. The good example as much as the "frightful" one is needed. There ought to be a model of approximate perfection as well as models of imperfection and failure.

The evils of false practices may be shown up on the experimental portion of the farm; but another portion should be devoted to model farming, according to the best light and practices of the day.

Of course it is a good deal to learn what not to do, but is quite essential, as

intelligent and practical beings, to know the best that can be done.

But as to the profit to be derived from the whole farm, that is another thing. There must be qualified teachers in the several departments, be the farm large or small and these teachers must be paid liberal salaries, although some or many of the departments may be a source of expense. Take entomology, for instance. Where is the profit to come in? Where is the profit in chemistry, ornithology, biology, and so on, which simply prepare the student to profitably pursue agriculture? Education is always an expense and the branches of knowledge pertaining to scientific farming are no exception to the rule. The farm, as such, perhaps should pay a profit, but not after deducting all the school expenses from its income. [In Agricultural Colleges the salaries of teachers and all school expenses are provided, independent of the farm income. The farm is to meet only the expense of manures, labor, stock food, and such ordinary expenditures as belong to any farm in any part of the country—such as every farmer must meet in the cultivation of his farm. If, under these circumstances, the College farm will not show a good profit, it is evidently not properly conducted, and is teaching a very bad lesson instead of a good one to farmers and farmers' children.—Ed. M. F.]

As to the number of graduates, that depends on the number of farmers' sons in attendance, and bears little or no relation to the cost of education, or the profits of the farm. If the departments are kept up, teachers must be employed;

if they are employed, they must be paid, whether they instruct one or a hundred pupils. It is the business of the farming community to supply the pupils. If they furnish enough, the cost per pupil will be reduced to a minimum sum. But this may neither increase nor decrease the returns from the farm, which has no dependence on the number of pupils attending the college.

Considering the fact that the *Mirror and Farmer* does not appear to understand that the salaries of professors are paid by the funds of the general government, and that the United States has also provided all necessary funds for experiments, large and small, at the Experiment Stations, so that every College Farm will stand before the student as to profit or loss just as his father's farm stands—making this allowance, the editor of the *Mirror and Farmer* evidently believes the model college farm should pay a profit, just as we believe it.

Take the case of our own college farm. The Experiment Station has its twenty-four acres for experimental purposes and is no charge upon the college farm. Every day's work on this, if by college labor should be placed to the credit of the college farm.

But we have a farm of over 200 acres to be carried on independent of all experiments, independent—of all teachers' salaries, independent of all extraordinary expenses—just as any farmer with ample resources would carry on his own farm. If this farm cannot be made profitable, so that

every farmer in Maryland can be proud of its showing, the fault is with the management; the head is incompetent; and the sooner we have some one in charge who is competent the better it will be for all concerned.

We want farmers in every part of our country to see clearly that farming in Maryland is profitable. We want this attraction to bring to us the best and most enterprising young farmers from all sections. The College farm should teach this lesson and under proper management it will teach it. Only miserable mismanagement teaches anything different from this.

TIMONIUM FAIR.

With remarkably favorable weather, the crowds at the Timonium Fair were immense and the Fair a very successful one pecuniarily.

E. Gitting Merryman swept all the premiums for Herefords.

G. O. Wilson, took the first premiums for Holstein Friesians, and D. H. Rice the second premiums, J. L. McCormick, took first for three year old Bull.

The Jersey premiums were divided among Fred Von Kapf, Chas. J. Moore and John Ridgley of H.

The exhibition of Agricultural Implements, carriages and farm machinery was exceptionally large and attractive.

The Ladies took much interest and their department was full and well worth a visit in itself.

The races as usual were the great attraction for a certain class, and drew large crowds from Baltimore.

The gambling stands were numerous and their patronage was as demoralizing as usual.

The exhibition of the Agricultural College and Experiment Station was better than last year; but did not enthuse visitors.

The Fair will clear about \$3000. And while making improvements for future usefulness, we would suggest enlarging the women's department and providing glass protection for their goods.

POCKET SOUVENIR.

Fall Festivities in St. Louis, Mo.

We are in receipt of this Pocket Souvenir from the Whitman Agricultural Co., St. Louis, Mo. Our readers can obtain them by sending their address as above. They will remember the advertisement of the company in past numbers of the MARYLAND FARMER, and those who have purchased Baling Presses, or other agricultural machinery from them, have reported the greatest satisfaction with their goods.

TEACHINGS AT OUR AGRICULTURAL COLLEGE.

THE OBJECT of an Agricultural College is to teach the sons and daughters of farmers the best methods of work, the improvements in every

department of practical work on the farm, the best methods of fertilizing the soil, the surest means of obtaining a good return for their labor the ways in which labor can be lightened, and every other practical operation which will make farm life a blessing, instead of a drudgery with no profitable returns.

The government has given generously for this end; but we greatly fear the good intentions of the government are to be thwarted by those who have the money in charge, and who take advantage of the wording of the law to devote the means to everything else, while the true object gets only the crumbs which may chance to fall after these others are fully satisfied.

The idea that three professors of Chemistry should be necessary in such a college as that of ours is an outrage. Other outrages are also common in this direction. That thousands of dollars should be diverted, from the end intended, to the teaching of dead and living languages algebra, geometry, and all the higher mathematics, advanced chemistry, those studies in physics peculiar to scientists, and other useless studies, so far as the farm is concerned. This is an outrage calling for a radical reform.

When we say "useless studies" we mean this: Persons who have plenty of leisure, plenty of money, no need of grappling with the hard realities of farm work, and a desire to acquire a general knowledge of these things,

may profitably study in that direction; but the vast body of farmers are not in this class, and these things are not what their sons and daughters want when they are placed on a hundred acre farm and feel that they must make their living, gather their comforts and luxuries from that piece of ground, and make for themselves a satisfactory and happy life. It is all right for those who have nothing to do and plenty of money to support them while doing it; but it is not the work contemplated by the law, for the law did not expect to benefit this class. This law was made for the benefit of farmers in their practical everyday work. To teach them the use of the best means as supplied today, and to give them the best methods of applying what comes to their hands now.

Instead of all this waste of funds, let the college provide "facilities" to teach what is actually needed for lightening the work of women and men; for enabling them to reap better results from their labor; for improving their present methods of work; for increasing the actual income from the labor they are daily obliged to undergo.

A vast amount of stress may be laid upon the idea that the law expressly permits studies "allied to agriculture." It permits them of course; and on that account the agriculture of ancient Egyptians can be taught for one year, of ancient Greeks for another, of ancient Mexicans for another, and the fourth year be taken

up with a general review of the subjects taught in the preceding three years. Then all necessary funds can be used to supply the facilities for this teaching: All the ancient plows may be gathered, and all the ancient methods of irrigation illustrated, and copies manufactured from Central American monuments. Why not?

These are just as valuable lessons as algebra, geometry, trigonometry, meanuration, greek, latin, chemistry and advanced physics, so far as farming is concerned.

Let the daughters be taught all that labor which belongs to them in their homes, so that they can perform the work with the least possible friction, and have ample time for something besides drudgery; and let the sons be taught practically their labors, so that they can reap the rewards of life, and have ample seasons of recreation because of improvements they have learned in their college.

We are not much edified by the close construction said to be placed upon the "facilities for instruction" clause of the law by some of our College people; as if that meant everything that would prevent them from teaching practically what the law actually meant to be taught. We call that the very height of imbecility, and an outcry that no sensible man will for a moment regard as of any account. The law means a practical teaching of agriculture, and supplies all the funds necessary for facilities to that end. The close

construction is only to prevent the appropriation of the funds to some other purpose—and it is only by the loosest possible construction that it is wasted on the round of teaching as at present adopted.

The very worst teaching, however, is this: That it is not necessary to exhibit on the College farm by practical evidence that farming is a profitable occupation—that 200 acres may be farmed in the best manner, with the best modern appliances, in the light of the best scientific knowledge, with all needed help in money and markets, and yet it is all right when it proves a failure so far as meeting its actual expenses.

When we have an Agricultural College, where such a teaching as this is openly avowed, we can hardly find words strong enough to emphasize our dissent. It should be placed at once in some hands where the teaching will be in every respect reversed; where it will be practically shown beyond every cavil, that 200 acres thus farmed cannot possibly fail to pay a generous profit.

CANDIDATES FOR GOVERNOR.

IT IS gratifying to the MARYLAND FARMER, and must be to our readers, to know that both of the great parties have considered the farmers' interests of sufficient importance to nominate farmers as their candidates for governor.

Now the only question with farmers should be, which of the candi-

dates can do best service in our behalf? This we must decide from what we know of each, and the general power which each will be able to exert as governor. It is not for us to ask which is Democrat, or, which is Republican? but which one is best for the farmers? We sink the idea of party entirely; for we do not believe party is at all to be considered in this canvass. If ever the farmers of Maryland can expect to accomplish real good for themselves and for their children, this is the time to do it.

We have wanted farmers for candidates; but we also want some one whose experience in the past will fit him for a broad and general espousal of those great ideas which have called the farmers to ask for justice from our legislative bodies and even from the general government. Because a candidate is a farmer, it is no reason to think that he knows nothing outside of his barnyard and hopes for nothing outside of the plowed field which surrounds his dwelling.

We are sometimes amused and sometimes disgusted with the shallowness of mind which is exhibited by men who should know better the trend of farmers' thoughts and feelings. In this connexion we can hardly believe the published reports that the Republican candidate has challenged the Democratic candidate to a personal plowing match. It is humiliating even to suppose that one candidate would so forget himself as to make such a senseless challenge,

and it would be equally humiliating if the other could so lower himself as to accept such a challenge. It is to be hoped that farmers look further than this would indicate. Indeed, the farmers of Maryland care nothing as to which candidate could exhibit himself to best advantage behind a pair of mules, or yoke of oxen, breaking up ground and tramping his way through brakes and briars and around stumps and stones to the governor's chair. No. The farmers of Maryland have suffered enough in the past to look upon matters in a more serious light than this absurd challenge pre-supposes. They think such an exhibition would be an insult to their intelligence and an exhibition of imbecility which would disgust the thoughtful with both candidates. The proposition evidently shows a narrowness of mind which the challenger will see after a moment's consideration.

Should any comparison be thought desirable, it should be of a more substantial and practical character which would show the executive ability of the candidates and the facility with which they have grasped the opportunities offered through years of attention to farming. Let experts compare the books of the farm accounts for ten or twelve years past and see which has proved most successful in the general management of farm affairs. It is feared that the challenger to this plowing match would "wilt" under this trial; for no one of broad and comprehensive

grasp of affairs could send such a challenge. What farmers want in the governor is one who knows how best to manage in all the affairs of State, with the farmers' best interests in view; and such an examination as this would tell the story at once.

However, this is one of those baffleing propositions which no man who has any respect for himself or for the farmers he is to represent would seriously consider. And is it not in fact a huge "joke" perpetrated at the expense of both the candidates? Surely we should think the Republicans would hardly nominate a man who was narrow-minded enough to think that the farmers of Maryland could be hoodwinked by any such "clap-trap." If they have done so, the farmers should show by their votes that they know how to resent such insinuations upon their intelligence and ignoring of their real grievances from which they seek relief.

But, aside from this, all our knowledge of the two candidates would lead us to advise our readers to cast their votes for Hon. FRANK BROWN, for governor. His record is clearly one of good management wherever he has been placed. He will have a legislature in harmony with him, if elected, which is certainly of vast importance, if the farmer is to get any advantages through the governor's recommendations. Besides we would like this governor to know that the farmers of Maryland as one body have placed such confidence in

him, that he will be elected by an overwhelming majority. Not as a democrat, not as a republican, not as a prohibitionist; but as the farmers' choice, the farmers' friend, the farmers' governor.

GRAPES.

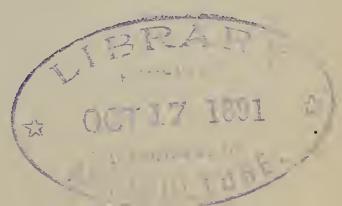
We have received from Wm. Corse & Sons, nurserymen, specimens of the Pocklington Grape which in size and flavor commend themselves very highly. A few years since we gave a lithographed plate of this grape, and these specimen bunches fully warrant us in saying the plate did not exaggerate its excellent qualities.

THE DOCTOR'S PLAN OF LIFE.

In another column DR. CRACE-CALVERT has developed a matter which leads to deep and serious thought. The main idea—which he expresses in a very reverent spirit,—is the proper cultivation on scientific principles of physical and mental perfection in human beings—just as any strain is propagated by the proper mating of animals by the skillful breeder.

The breeder in Jerseys, or in Holsteins, or in Hambletonians, or in Merinos, has reduced the matter to a science so that he works understandingly and secures the end he has in view.

Disposition, form, beauty, speed are secured with a certainty, and the Doctor proposes to introduce the



of leisure time and a large amount of labor; both of which are same principles into human cultivation. We think the Doctor's idea is virtually founded upon this science. There is substance for thought in the Doctor's article.

SALARIES AT THE MARYLAND AGRICULTURAL COLLEGE.

During the year 1890 the salaries for all the officers and professors of the Maryland Agricultural College were \$5,775.00.

This year, with only two additional professors to be provided, the salaries are \$21,000.

Perhaps the farmers of Maryland will understand this statement, without further comment. But is it not worthy of some explanation?

The President's salary for College and Station amounts to \$3,000, with the addition of house rent and sundries—more than half of last year's College salaries. We would not even object to this immense increase in salaries provided they demonstrated on the farm that "farming pays," but when they practically demonstrate that "farming does not pay" we do object.

GEO. B. LORING.

We place on record here the death of the eminent agriculturist, DR. GEO. B. LORING. He has long been known throughout the whole country as an indefatigable worker in behalf of the prosperity of the farmer. His sudden departure from the field,

where both voice and pen have been so long busy, will be felt in sorrow by all thoughtful agriculturists. True, the farmers have become more fully aroused to their power and to the proper methods of securing their desires, than in the past years; but Dr. Loring's words of cheer will be greatly missed.

OF WEEDS.

WE SEE a little "catch" sentence, going the rounds, which says: "It is better to grow weeds than nothing."

Is this intended to give encouragement to the lazy, the idle, the careless? or, is it merely one of those sentences which gets a run, because of some meaning aside from what the words express?

Of course it is the latter. In its original form it leaves room for the idea that one had better allow weeds to grow than not to put the land in some paying crop, and yet w that is not the true idea, else why such constant effort to destroy weeds.

The idea intended to be conveyed is, that land is generally better off, if it is shaded than if left exposed to the sun. That mulching improves land when not otherwise in use.

If land is weed-seeded, there is no better way of ridding it of weeds than to let them sprout and then turn them in, and continue to do this month after month not allowing one weed to go to seed. In this way the great body of weed seeds are effectually destroyed. But this supposes plenty

not always to be had even by the industrious farmer.

The true doctrine is to have no more land under the plow than we are able to cultivate in useful crops. If any must lie unemployed, suffer not a single weed on it to go to seed, and get it as soon as possible in grass or pasture.

If our plans are properly made no land need be allowed to lie idle, nor be left to grow weeds; but if neglect has given weeds the opportunity, don't be deceived by any seeming wise saying such as we have above quoted.

PEARS.

We have received from John W. Harriott, Esq., of Chesapeake City a small branch of a pear tree only six inches in length, containing no less than thirteen fully developed pears, from a tree on his farm. It was a sight worthy of the most fruitful times of which we read.

WE BELIEVE IT.

Any clergyman, who by the constant use of tobacco teaches this bad habit to the young people of his congregation, should be drummed out of the community.

SMALL FRUITS.

We have received from the J. T. Lovett Co., the Essay on New and Promising Small Fruits delivered by Mr. J. T. Lovett before the American Pomolog-

ical Society at Washington, D. C., Sept. 22. It is too long for our columns; but contains many valuable suggestions. It relates to Strawberries, Raspberries, Blackberries with brief notes on Currants Gooseberries, and some new foreign berries. Grapes are not treated by him. Doubtless a stamp enclosed to him at Little Silver, N. J., will bring any of our readers the Essay by return mail.

PRIZES.

The Massachusetts Horticultural Society—Annual Chrysanthemum Exhibition, Nov. 3-6, 1891. The Boston Gardeners' and Florists' Club offer for the best ten Vases of Chrysanthemums, of ten named varieties, ten long stemmed blooms of one variety in each vase, \$75.00 Second Prize, \$50.00.

Address, A. H. Fewkes,
Horticultural Hall, Boston.

MUSIC.

The Odd Fellow's Grand March, by Isaac Doles, 40 cents.

The Air Ship Waltz, by Isaac Doles, 40 cents.

Two pleasant pieces of Music, for which address the author, Indianapolis, Indiana.

A LINIMENT.

Dr. S. C. Parsons, of Savannah, Ga., in speaking of Stonebraker's Liniment says: I consider it the best in use. So does everyone else who has tried it. Price, 25 cents.

For The Maryland Farmer.

THE PLAN OF HUMAN LIFE.

BY DR. CRACE-CALVERT.

In my studies of nature and comparing the world God has made, with man and his world, I have come to some conclusions which are not in harmony with present practices. The doctor has many hours for such study, as he goes from place to place in city or country, always having the restoration or preservation of health on his mind.

Now, I have concluded that the great end to be sought in our life is a strong body and a strong mind. Out of these grow all things that are worth having, and without a generous portion of these, living itself becomes of very little account.

Such being my conclusion I have felt often that everything should give way to the cultivation of this condition of humanity. That whatever stood in the way of this work was a hinderance to God's true plan of human life.

We may not be willing to allow all the results which follow this most evident fact in nature; for one result would apparently be that those who cannot contribute to this end should gradually be eliminated from the race. This would of course be the true method of accomplishing the great end, however repulsive the idea might be, if reduced to violent practice.

In this case the strongest physically would necessarily have rule and the weak would be pushed to the wall and die. Of course, no violence would be supposed as accompanying the process; but the strong would have such laws instituted as would secure the object just

as effectively as though violence were introduced.

One law would be in relation to marriage and from the doctor's point of view would be a very wise law, viz: That the weak should not be allowed to propagate their kind. The greatest burden of human life arises from the fact that no such law prevents the sickly, feeble physical frames from transmitting their feebleness.

This would not interfere at all with the proper exercise of charity towards the weak, sick and incompetent. It would only prevent interference with the great plan of life so evidently meant by the Creator to be the end of man's creation. The utmost charity could be exercised towards these while helping them kindly towards extinction by not permitting their ailments to be perpetuated.

We cannot, of course, conceal the real meaning of the work, which would be the death and extinction of every human being physically deformed, incompetent or in danger of transmitting physical disease. This of course in harmony with all lessons of religious love, and in perfect keeping with the utmost goodwill and charity.

Nature everywhere teaches this lesson:

Plant life shows only the strongest in possession and animal life everywhere shows the same. Human life should be no exception; but only among men are the weak incompetents preserved. This, too, against the plain teachings of christianity which substantially says: work and eat; be idle and die.

Our civilization aims to give the weak, vicious, ignorant all the opportunities for

perpetuity which the strong, enlightened and virtuous should alone possess.

I believe that healthy, strong, robust men and women are the ideal of humanity as an animal. Acute minds, strong, ingenious, vigorous, joined with a healthy strong body are God's ideal of humanity.

Everything in human life should kindly but just as surely be weeded out which interferes with this end, which is the true, right, just plan of human life.

APRON STRINGS.

"I PROMISED my mother I would be home at six o'clock."

"But what harm will an hour more do?"

"It will make my mother worry, and I shall break my word."

"Before I'd be tied to a waman's apron strings!"

"My mother doesn't wear aprons," said the first speaker, with a laugh, "except in the kitchen sometimes, and I don't know as I ever noticed any strings."

"You know what I mean. Can't you stay and see the game finished?"

"I could stay, but I will not. I made a promise to my mother, and I am going to keep it."

"Good boy!" said a hoarse voice just back of the two boys.

They turned to see an old man poorly clad and very feeble.

"Abraham Lincoln once told a young man," the stranger resumed, "to cut the acquaintance of every person who talked slightingly of his mother's apron-strings, and it is a very safe thing to do, as I know from experience. It was just such talk that brought me to ruin and dis-

grace, for I was ashamed not to do as other boys did, and when they made fun of mother I laughed too—God forgive me! There came a time when it was too late"—and now there were tears in the old eyes—"when I would gladly have been made a prisoner, tied by these same apron-strings, in a dark room with bread and water for my fare. Always keep your engagement with your mother. Never disappoint her if you can possibly help it, and when advised to cut loose from her apron-strings, cut the adviser, and take a tighter clutch of the apron-strings. This will bring joy and long life to your mother, the best friend you have in the world, and will insure you a noble future, for it is impossible for a good son to be a bad man."

It was an excellent sign that both boys listened attentively, and both said "Thank you" at the conclusion of the stranger's lecture, and they left the ball-grounds together, silent and thoughtful. At last the apron-string critic remarked, with a deep-drawn sigh:

"That old man has made me goose-flesh all over."

"Oh, Dick," said his companion, "just think what lovely mothers we have both got!"

"Yes; and if any thing were to happen to them, and we hadn't done right! You'll never hear apron strings out of my mouth again."—*Harper's Young People.*

Progressive Benefit Orders who promise \$100 for \$35 or \$50, within one year, are of course a humbug and a fraud. Don't be a victim.

SHEEP.

Do not overlook the fact that the productiveness of your farm is largely involved in what you are doing. At times the price of wool may rule low, mutton may not be in demand, yet there is almost sure to be enough sales of each during any year to pay the expenses of a flock of sheep, without even considering the increased value they are sure to bring to farming lands.

A good flock of sheep is the best helper not only in filling the purse, but in keeping up the condition of the land without really any extra expense; that is, within reach of the husbandman. One thing should therefore be remembered by farmers who have suitable land at their command, that they make a great mistake, and submit to annual loss of more importance than they imagine, in the absence of a good flock of improved sheep browsing upon their hills.

—*The Husbandman.*

CURIOSITIES ABOUT BEANS.

Of all edible pods, it is believed that the bean has been the longest known and most widely cultivated. It was used as food by the ancient Jews and considered sacred by the Greeks and Romans. A temple dedicated to Kyanetes, called the god of beans, formerly stood on the sacred road near Eleusis. Kyanetes was called the god of beans because he was the first to cultivate them for food. The bean feast, which the Athenians celebrated in honor of Apollo, was characterized by the excessive use of beans. The Egyptians, contrary to the

nations above-mentioned, considered beans unclean and would not venture to touch them. Pythagoras admonished his scholars: "Abstain from beans." The natives of Egypt and most all Oriental nations look upon the black speck on the wings of the bean flower as the written character of death.

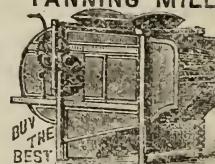
HOW I MADE MY START.

You must have lots of boy readers who would like to hear my experience and how I started in business. I am 14 years old, and my father is dead and my mother is an invalid, so I had to leave school and earn some money. I saw in your paper the experience of William Evans, and how he made money plating knives, forks and spoons, and I thought I would try the plating business, so I sent to H. F. Delno & Co., Columbus, Ohio, and got a \$5 Lightning Plater. It came by express and is a beautiful machine. In one week I did \$13 worth of work and last week I was sick and only made \$11. The price received for plating is nearly all profit and the work is very nice. Every person has gold, silver or nickel plating to do and I hope to start a little store soon. If any of your boy readers will benefit by my experience in starting in business I shall be very glad.

James Anderson.

Read about our new premium books. They are well worthy your attention. See advertisement.

FANNING-MILL.



For full information about the best Fanning-mill, Horse-power, Thresher, Clover-huller, Feed-mill, Circular-saw Machine, Land-roller and Dog-power, send for **Fearless Catalogue**. For Fodder-cutters, Carriers and Drag-saw Machines, and for information showing "Why Ensilage Pays," send for **Ensilage Catalogue**. Address, **MINARD HARDER**, Cobleskill, N. Y.

HOPE AND FAITH.

TELL ME not of your doubts and discouragements," says Goethe; "I have plenty of my own. But talk to me of your hope and faith."

The tone of complaint is one which we are all too ready to accept, and which is not only injurious to ourselves, but hurtful to others.

It never pays to whine, people can't stand it. They will laugh with you or dine with you or play with you, but they will not weep with you. There is no money in the blues, and very little sympathy. Every heart knoweth its own bitterness. Share your joys with others, but never your sorrows. They are too sacred for division or public discussion.

If you have only a dime in your pocket, smile as though it was a dollar. Put your best foot forward and sail in.

The world loves bravery and the bold die game when they don't win. Patience under adverse circumstances will often bring about favorable results, while complaint only accentuates and fixes the cause of complaint.

Avoid mention of the disagreeable things that may come into your life. If you cannot be patient you can at least be silent. The secret of success is not so much in knowing what to say as what to avoid saying.

It isn't worth while to fret,
To talk as behind a hearse;
No matter how vexing things may be,
They easily might be worse;
And the time you spend complaining
And groaning about the load
Would better be given to going on
And pressing along the road.

I've trodden the hills myself,

'Tis the tripping tongue can preach,
But though silence is sometimes golden,
As oft there is grace in speech—
And I see, from my higher level,
'Tis not the path but the pace
That wearies the back and dims the eye
And writes the lines on the face.

There are vexing cares enough

And to spare when all is told;
And love must mourn its losses,
And the cheek's soft bloom grow old;
But the spell of the craven spirit
Turns blessing into curse,
While the bold heart meets the trouble
That easily might be worse.

So smile at each disaster

That will presently pass away,
And believe the bright to-morrow
Will follow the dark to-day.
There's nothing gained by fretting;
Gather your strength anew,
And step by step go onward,
Let the skies be gray or blue.

A BATCH OF BREAD
AND PUDDING.

BY A. B. WARD.

NANCY NEWTON was a blunderer, said folks who ought to know. If it wasn't blundering, it was worse; and here they tapped their heads, signifying there was something within those precious spheres which Nancy's cranium lacked.

Here aunt Felicia—what a name to go with sallow cheeks and a frame like a hay-tedder!—felt that she could have done better by Nancy if she had had an earlier start. For the child was ten years old when her father left her doubly orphaned, and Felicia Newton, spinster, was called upon to fulfil the duties of kinship, and

to atone for "such a bringing up as men folks give," A straight diet of femininity, "over and over" seams, bed making, dish-washing, Miss Newton prescribed, and administered her own medicine. Nancy took it meekly, but grew more reticent, asked fewer questions, and solved her problems by making reckless dashes at them, so winning her reputation for blundering or worse.

"I declare I don't know whether you are too bright or ain't bright enough," cried her aunt, after finding the girl laid flat on the kitchen floor, fitting herself to an old sack the elder had given her. "But how in the name of goodness—Turn round here." Nancy revolved, showing her small back with the large garment pinned across. There were slits in the cloth, where alterations were to be made. "How you ever twisted and turned," went on Aunt Felicia, taking out the pins and slipping the sleeves on the girl's unwilling arms. "If you wanted it fixed, why didn't you come to me?"

Nancy murmured some unintelligible response. She could not tell her aunt that any contortion was preferable to such an appeal for help.

Eight years failed to alter the relations between the two. Nancy grew more "capable," but, not a wit more confidential. Aunt Felicia openly exulted over the results of her own training, but eyed the blank, fair face before her with suspicion wellnigh become distrust. "She's glib enough outside, makes friends, has attentions. I wonder why we two don't get on better?" mused the old lady. She was sixty eight, or would be on the morrow. The nearness of the festival, the prominence it gave her mounting score

of years, brought a pensive influence to bear upon her. The old heart yearned over the young one.

"Nannie," she said, gently, "I've ben telling Mis' Barker an' Mis' Skelton an' Mis' Briggs, that's comin' to dinner to-morrer, how you could cook. Now I'm goin' to lay back an' let you do it all. I won't raise a finger, so's to show 'em what I say's true. How'd you like that?"

It was a delicate compliment, and tendered generously, without a hint of possible blundering. Nancy nodded appreciatively: "First-rate, Aunt F'licia. What you goin' to have?"

"I've promised 'em b'iled dish, 'cause they don't all of 'em get it, nowadays—leastwise Mis' Skelton an' Mis' Briggs don't—and b'iled Injin puddin'. You'd best set a pan o' biscuit doin' to-night. Come to think of it, we need bread; may as well make a whole batch while you're about it."

There was meeting that night, and afterward Nancy loitered through the fragrant lanes with her escort, Jo Barker. The whippoorwills were singing as if their honor depended upon getting in as many notes as possible before day-break. A wild-grape vine climbed the rail fence, and held its fragile blossoms out to the moonlight and the soft night breeze.

"M-m-m! Ain't that sweet?" cried Jo, rapturously. "I don't know anything sweeter, 'less it's"—here the precaution of a glance at his companion told him to hedge a little—" 'less it's roses. By-the-way, our sweetbrier's out full. Don't you want a pitcher of 'em for your dinner table to-morrer?" For Jo's mother was one of the prospective guests, and Nancy's *debut* as a cook had been

a theme of conversation on the homeward walk.

"Yes, indeed," responded Nancy, cordially. "You're just as good as you can be to think of it."

"Don't know 'bout that," said Jo, with proper humility.

Then the two said good-night, and Nancy went in to her bread-making. Aunt Felicia had retired for the night. The kitchen fire was out, and the lamp was frugally turned down. The place seemed chilly and dull after the radiance without. Rapidly, and as quietly as possible, Nancy put away her bonnet and shawl, and brought flour, milk, and the jar of foaming yeast. "Wish 't aunt had left a coal or two, enough to warm the milk," she thought. "Guess 't'll be all right, though."

It looked promising, a round, smooth mass, firm and white as the young arms which wrestled with it. They turned and kneaded and turned again, with a rhythmic motion; then she caught a sharp knife, cleft the mass, gathered the pieces deftly together, and fell again to kneading. After all, innocent and hopeful as the infant batch looked when tucked into its pan and covered with a clean crash towel, Nancy somehow distrusted it in her heart, awoke at intervals during the night to worry, and stole down into the kitchen with the first gleam of daylight to learn the worst. Inert and helpless lay the dough, precisely at low-water mark.

"What ever shall I do?" sighed the unfortunate *debutante*. "It 'll never do to let Mis' Briggs and Mis' Skelton and Jo's mother put that stuff into their mouths." She glanced wildly about her. The odor of a burnt sacrifice

would not be pleasing to the divinity above stairs, who was to be heard even now preparing to descend. There was no time to be lost. Nancy caught up the dough, bore it hastily to the flower bed, where trim geraniums left the ground open between their stems, dug a grave in their midst, dumped in the offending dough, and covered it with earth. When Aunt Felicia appeared a few minutes later, there were no signs of the recent tragedy.

"Seems to me you're pretty airy," said Aunt Felicia, not disapprovingly. "Bread riz? Why, you don't mean to say you forgot it? That's just like you, Nancy Newton. Now what ever shall we do? An' all those folks a-comin'? If I'd had any idea you'd be so keerless I'd set up." She ran on and on, giving the culprit no opportunity to tell the truth—at least so the culprit assured herself.

"What shall we do?" repeated Aunt Felicia.

"I'll make some cream-tartar biscuit. Those last you said were good," proposed Nancy. And with this the heroine of the day was forced to content herself.

Jo Barker made his appearance about ten o'clock, his hands full of sweetbrier. Nancy met him at the door, and the two stood and gossiped on the flag stones without. A great many things seemed to have happened to discuss since the night before. Suddenly Jo stopped in the midst of a sentence.

"What is that out there in the flower bed?" he asked.

Nancy gave a start. Guilty premonitions blanched her cheek and quickened her heart-beats. A little mound had risen in the centre of the flower bed, and

out of the top poured, like lava from an active volcano, that dreadful dough.

"What is it?" repeated Jo, curiously, going to the spot and poking at the phenomenon with a stick.

"It's—it's *bread*," groaned Nancy; "or at least it ought to be. It hadn't risen this morning, so I took it out and buried it."

Jo's red lips opened, and Jo's hearty lungs emitted a genuine whoop of laughter.

"Oh, 's-sh! for mercy's sake!" implored Naney, laying hold of his sleeve and looking toward the house. "She'll hear you. She's in the sittin' room now, but she'll come right round to this side of the house if you make so much noise."

Jo endeavored manfully to restrain his mirth, but it broke away and ran its course in spite of him. "That's the best I ever heard!" he ejaculated, wiping his eyes. "Well, we'll have to bury it over again."

This they attempted to do with handfuls of dirt and many a pat and pressure; but Enceladus would rise. Nancy was in despair. Eager to remove the enemy to Nancy's peace Jo cast about for an instrument. His eye fell on a huge oleander planted in a wash-tub. This he seized, and set it, tub and all, over the ambitious dough. "There!" he said triumphantly; "that'll hold it down. And she"—looking in the direction of the house—"she can't stir it. I'll get out before she asks me to put it back." He vanished over the fence.

The neglect of the bread-making rankled in Aunt Felicia's breast. Promise or no promise, she would not again risk her dinner.

Not until the chicken, the corned-beef,

and the salt pork were safe in the iron pot together, and the vegetables were prepared to join them, and the pudding was under way, did she relax her hold on the helm.

Nancy, meanwhile, was quaking in her shoes over another discovery of her own improvidence. There was not a particle of Indian meal for the pudding. The store was miles away. Mrs. Barker was the only near neighbor, and to borrow of prospective "company" was, to say the least, humiliating.

There was nothing else to be done. She dallied about with spoon and bowl, pretending to put in this and that. At last Aunt Felicia went to lie down for an hour before donning the best black gown and cap with lavender ribbons—regalia suitable for high feasts. Then, throwing her apron over her head, Nancy sped like a fawn over the fields to the Barker place. She came upon Jo in the back yard splitting kindling. He was in his shirt sleeves, and would have blushed for them, had not Nancy's bare arms and flying hair put him, so to speak, in costume.

"Oh, Jo," she gasped, "this is one of the days! What do you think? I've started my puddin', and there ain't a mite of meal in the house."

"Come right along in," replied Jo, cheerily. "We'll fix that. Mother's got plenty. She's gone over to Mis' Briggs's of an errand, but I know where she keeps it."

He led the way to the pantry, and there the two searched high and low, in bucket and box, for the missing article. Not a single golden grain rewarded them. Jo scratched his head, and proposed going over to Briggs's after the

mistress of the house.

"No, don't," begged Nancy. "I'd just as soon there didn't any more folks 'n is necessary know about it. Why what's this in this bag? That's meal." And she held up a handful. "There isn't much more'n what I want here."

"Take it right along," insisted Jo. "No need o' sayin' an' thing 'bout it."

"I'll come over to-morrow and explain," compromised Nancy, and clasping the brown paper bag, back she flew across the fields to her pudding.

Promptly at two o'clock the four old ladies sat down to their dinner. Everything was done to perfection. The cream of tartar biscuit fulfilled the mission of the batch under the oleander tub, and were a miracle of sweetness and light. The "b'led dish" brought tears of tender retrospection to the eyes of the aged participants, who declared they "hadn't tasted anything that tasted so good not in years an' years an' years" The pudding emerged from its bag plump and brown as a healthy farmer, and, like him, it must be confessed, somewhat tough and wiry. But, smothered in cream and powdered in maple sugar, it went down to the last crumb. The guests found nothing in their vocabularies, ancient or modern, to equal the occasion, and concluded "it was no use talkin'." Mrs. Barker in particular, with her motherly familiarities, brought a blush to the cheek of the girl cook. Nancy was not a hardened deceiver. The oleander lay heavy on her conscience. The meal so unhandsomely obtained turned to ashes in the cup of flattery the old women poured for her. It was hours before they left, years before she could do up the work next day, and hasten

again to the Barker place to do penance by frank and unqualified confession. This time she walked demurely by the road, and wore her best bonnet.

She found Mrs. Barker whipping up a sallabub for the minister's wife, who was ailing. "Have some?" she said, proffering a cupful. "Tain't nothin' but a gasp an' a swaller."

But Nancy had no appetite, even for so amiable a trifle. "I told Jo not to say anything," she began steadily; "I'd tell you myself. I came over yesterday when you were out to borer some meal for that puddin'. 'Twas awful careless of me. I didn't know we're out till just as I was mixin' it. I was ashamed to borer of you, company so; but I had to do somethin' quick. I'll bring it over soon's we get some." Nancy spoke hurriedly in her nervousness.

Mrs. Barker set down the bowl she was washing. "I hain't got any meal," she said, in a puzzled voice. "Ben out for a week, an' kep' a-tellin' we'd have to go to town soon or send."

"Oh yes, you had," persisted the other. "It was all I had for the pudding. I found it in a brown paper bag on the lower shelf in the pantry."

"For the land sakes!" Mrs. Barker gave vent to a shout to mate with that her son sent up on discovering the buried dough. And here there was no Aunt Felicia to terrorize her into silence. She rocked to and fro, her face growing purple with emotion, for which her shrieks and her rocking furnished inadequate outlet. Nancy looked bewildered in turn. What was there in the borrowed meal so agonizingly funny? It was some time before Mrs. Barker could explain herself, and then she exploded,

between fits and gusts of laughter; "You've—et—the—inside—of—a—pin-cushion—I'd—had—twenty five—years. I—emptied—it—in—the—bag—o—pick—out—the—needles—an'—forgot—to—throw—it—away." She stopped with a moan, and held her sides, completely overcome by the storm which had passed over her.

Nancy laughed, a little hysterical giggle, with more of distress than merriment in it. With it struggled a feeling of disgust; she too had partaken of the pudding. But embarrassment soon yielded to gratitude toward the merry soul who could laugh over such an experience. The blunderer had fallen into kind hands.

"You're awfully good," she said as she stood up to go.

"Don't say a word," replied Mrs. Barker, reassuringly. "I won't tell a soul, 'less it's Jo. He'll be tickled almost to death."

"I'm afraid he'll tell," demurred Nancy.

"Oh no, he won't," said Jo's mother. "He sets too much by you."

And he never did tell, not even when he became Nancy's husband. He held her eccentricities plain indications of genius. It was Nancy herself who, learning to look with tolerance upon her blunders, told of the remarkable day when she buried the bread dough, and made a pudding out of a pin-cushion.—*Harper's Magazine.*

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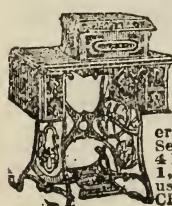
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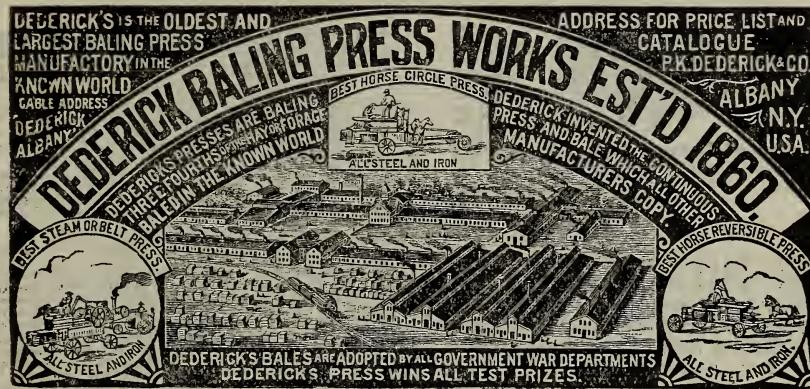
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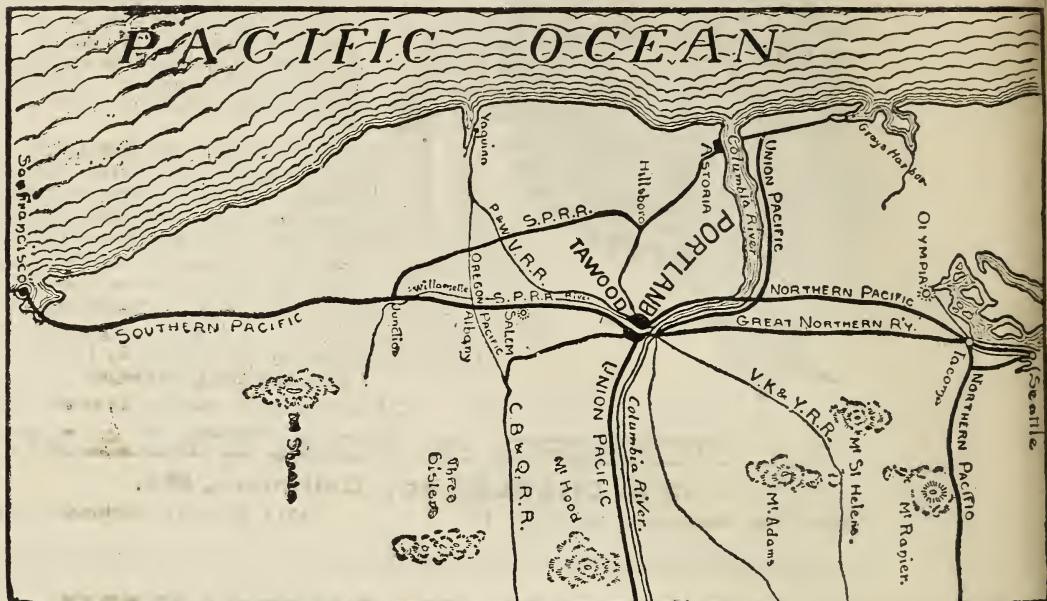
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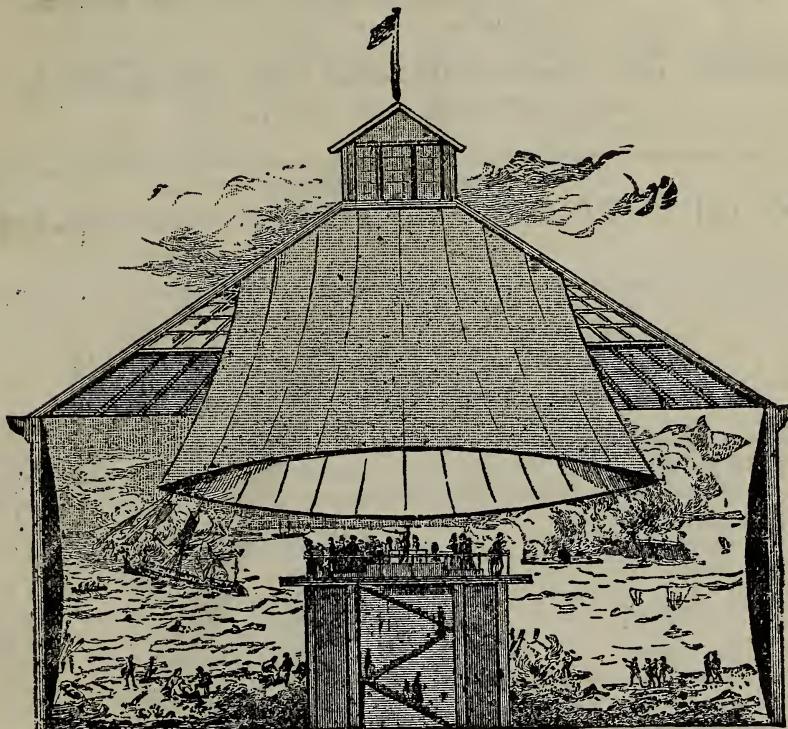
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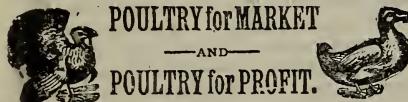
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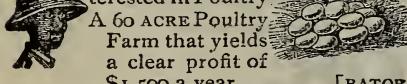
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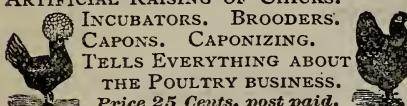


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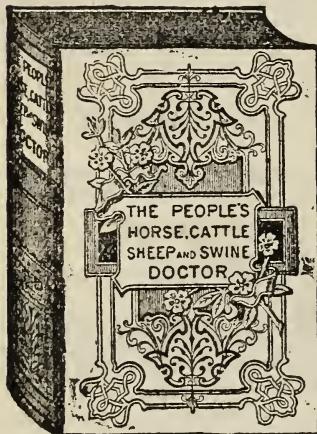
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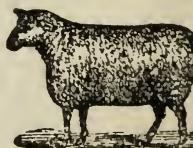
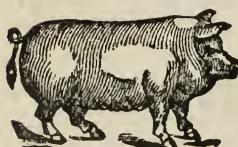
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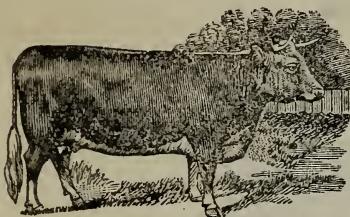
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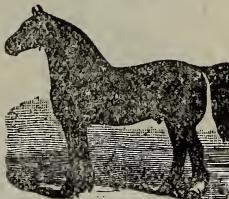
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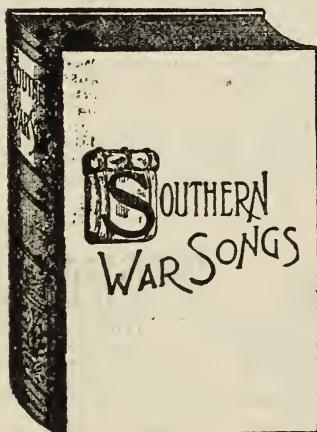
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